

Section 1: Identification

Product Name: Biologic Degrease
Intended Use: Aqueous surfactant with microbial content used to degrade, digest and clean fuels, oils, lubricants and other petroleum hydrocarbons found on surfaces such as concrete, brickwork, vehicles and industrial equipment and other hard surfaces.
Manufacturer: Beyond Environmental, LLC
Geneva, IL 60134
1 800 677 0517
info@beyondenv.com
Emergency: (800-424-9300) Chemtrec

Section 2: Hazard(s) Identification

Overview: Non-corrosive and does not pose any known acute or chronic physical hazards.
Carcinogenic: This product is not considered a carcinogen.

GHS Classification: Eye Irritation Category 2B.

GHS Symbol:



Signal Word: Warning
Hazard Statement: Eye irritant
Prevention: **Wash hands thoroughly after handling.**
Response: **If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Seek medical advice/attention.**
Effects of Over Exposure: **On Skin:** Non-corrosive. No effect under normal use. Product may cause irritation or rash to those with hypersensitivity. Prolonged contact may result in dryness and ulceration.
In Eyes: Eye Irritation Category 2B. Can cause eye irritation,
Ingestion: Non-toxic per Consumer Product Safety Commission and FHSA standards. Acute oral LD50 greater than 5g/kg.
Inhalation: No effect under normal use. Excessive inhalation may cause irritation of the respiratory passage.
NFPA Rating: Health 1. Flammability 0. Reactivity 1.
Other Hazards: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions

Section 3: Ingredients

Material:	CAS#:	% by WT:
Water	7732-18-5	≥ 18
Odor Counteractant	**	≤ 1
Essential Oils	**	≤ 1
Trade Secret	**	**
Bacillus sp. culture	None	≤ 1

** The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret in accordance with Paragraph 1910.1200 if Title 29 of the Code of Federal Regulations.
This product contains other ingredients that are present below the reporting threshold as defined in 29 CFR 1910.1200 (OSHA)

Section 4: First Aid Measures

Skin Contact: Wash with plenty of soap and water. If irritation persists seek medical advice/attention.
Eye Contact: Flush with water for 15 minutes. If eye irritation persists, seek medical advice/attention.
Ingestion: Drink large quantities of water. Contact physician immediately.
Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Section 5: Fire Fighting Measures

Flammability:	Non-Flammable.
Flash Point:	N/A
Extinguishing Media:	Dry Chemical, Water Fog, CO ₂ , Sand.
Products of Combustion:	Incomplete combustion may cause carbon oxides.
Advice for Firefighters:	Wear self-contained breathing apparatus.
Unusual Fire Hazards:	None Expected.
Fire Hazards in the presence of other chemicals:	No specific information available.

Section 6: Accidental Release Measures

Small Spills:	Absorb with industrial absorbents. Dispose of in accordance with local, state and federal regulations. Rinse residue to avoid slippery conditions.
Large Spills:	Non-flammable material. Wear chemical-resistant gloves, boots and goggles. Stop the source of the spill. Construct a dike to prevent spreading. Collect using mechanical means. Waste disposal method: Fully water-soluble. Follow all local, state and federal regulations.

Section 7: Handling & Storage

Precautions:	Store containers upright in a cool dry place. Handle in accordance with good industrial hygiene and safety procedures. Wash hands after use.
Storage:	Store in original containers. Keep container closed. Do not store in metal vessels.
Incompatible Products:	Strong acids, strong bases, strong oxidizers.
Other Precautions:	Keep out of reach of children.

Section 8: Exposure Controls & Personal Protection

Engineering Controls:	No control measures are required under normal conditions. If large quantities are involved use NIOSH or MSHA approved respirator. Limited personal exposure exists with this product. As always keep airborne vapors below TLV limits. Ensure that proper workstation safety mechanisms are operative and tested including showers and eyewash stations.
Personal Protection:	Safety glasses are recommended. Chemical-resistant gloves and aprons are optional for those with dermatological sensitivity.

Section 9: Physical Data

Physical State:	Liquid
Appearance:	Clear
Odor:	A characteristic odor
Odor Threshold:	No data available.
pH:	7.5 – 8.5
Boiling Point:	200° F (93° C)
Specific Gravity:	1.02-1.04
Solubility:	Complete
VOC Content:	0.38% wt.

Section 10: Reactivity Data

Reactivity:	Hazardous reactions will not occur under normal conditions.
Chemical Stability:	Stable
Corrosivity:	Non-corrosive
Conditions to Avoid:	Extreme heat
Incompatible Material:	Strong acids. Strong bases. Strong oxidizers. Copper alloys.
Hazardous Polymerization:	Will not occur.

Section 11: Toxicological Information

Acute Toxicity:	Classification criteria not met.
Skin Corrosion/Irritation:	Classification criteria not met.
Serious Eye Damage:	Eye irritation
Respiratory or Skin Sensitization:	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Germ Cell Mutagenicity:	Classification criteria not met.
Carcinogenicity:	Classification criteria not met.
Reproductive Toxicity:	Classification criteria not met.
Specific Target Organ Toxicity:	Single Exposure: classification criteria not met. Repeated Exposure: classification criteria not met.
Aspiration Hazard:	Classification criteria not met.
Ingestion:	Harmful if swallowed. Likely to make you feel unwell.

Section 12: Ecotoxicological Information

Degradability:	This product is expected to be readily biodegradable.
Bio-accumulative:	No evidence to suggest bioaccumulation will occur.
Mobility in Soil:	Accidental spillage may lead to penetration in the soil and groundwater. However, there is no evidence that this would cause adverse ecological effects.
Aquatic Toxicity:	Not determined for this solution. However, all components are considered low in toxicity.

Section 13: Disposal Considerations

Product Waste:	Dispose of in accordance with local, state, federal & international regulations. Rinse residue to avoid slippery conditions.
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Section 14: Transportation Information

In Accordance with DOT:	Not regulated for transportation.
In Accordance with IMDG:	Not regulated for transportation.
In Accordance with IATA:	Not regulated for transportation.

Section 15: Regulatory Information

US Federal Regulations:	None.				
US State Regulations:	None.				
HMIS (USA):	<table><tr><td>HEALTH</td><td>FIRE</td><td>REACTIVITY: 1</td><td>PERSONAL PROTECTION: 0</td></tr></table>	HEALTH	FIRE	REACTIVITY: 1	PERSONAL PROTECTION: 0
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Section 16: Other Information

Abbreviations:	
N.A.	Not Applicable
N.D.	Not Determined
HAP	Hazardous Air Pollutant
VOC	Volatile Organic Compound
C	Celling Limit
N.E.	Not Established

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